

Title (en)

System with a jig for tubes, adapted to cooperate with an aperture forming tool and method

Title (de)

Anordnung mit Bohrschablone für Rohre und entsprechendes Verfahren

Title (fr)

Ensemble avec gabarit de perçage pour tubes et procédé afférent

Publication

EP 1591181 B1 20071212 (EN)

Application

EP 05009176 A 20050427

Priority

US 83720204 A 20040430

Abstract (en)

[origin: EP1591181A1] Systems and methods are provided wherein a tube insert is at least partially disposed within the end portion of a tube. The system is adapted to cooperate with an aperture forming tool such as a drilling machine, the system comprises a tube including a wall and an end portion; a tube insert at least partially disposed within the end portion of the tube, the tube insert including a first registration structure, an outer surface, and at least one cavity in the outer surface; and a jig in the form of an alignment fixture including a second registration structure adapted to cooperate with the first registration structure of the tube insert to inhibit a relative movement between the alignment fixture and the tube insert, the alignment fixture further including an alignment device adapted to receive at least a portion of a tool to assist in forming an aperture through the wall of the tube at a predetermined location that is radially aligned with at least one cavity in the outer surface of the tube insert.

IPC 8 full level

B23B 47/28 (2006.01); **B23B 49/00** (2006.01); **B67D 7/32** (2010.01); **F16L 25/08** (2006.01)

CPC (source: EP KR US)

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